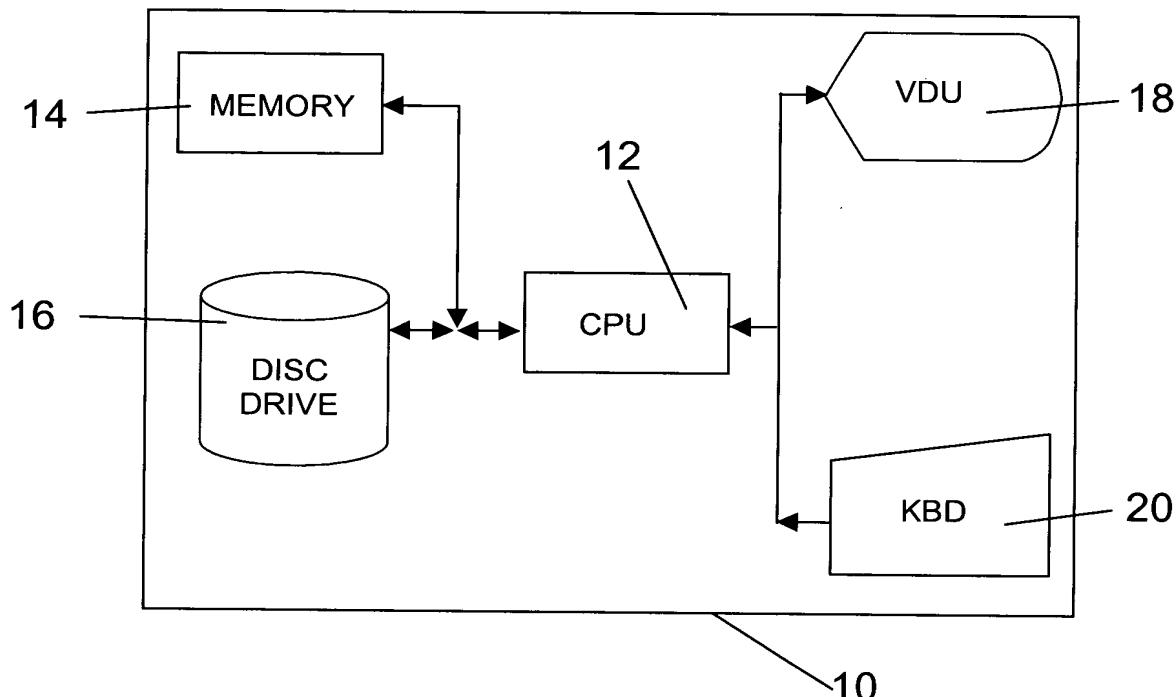
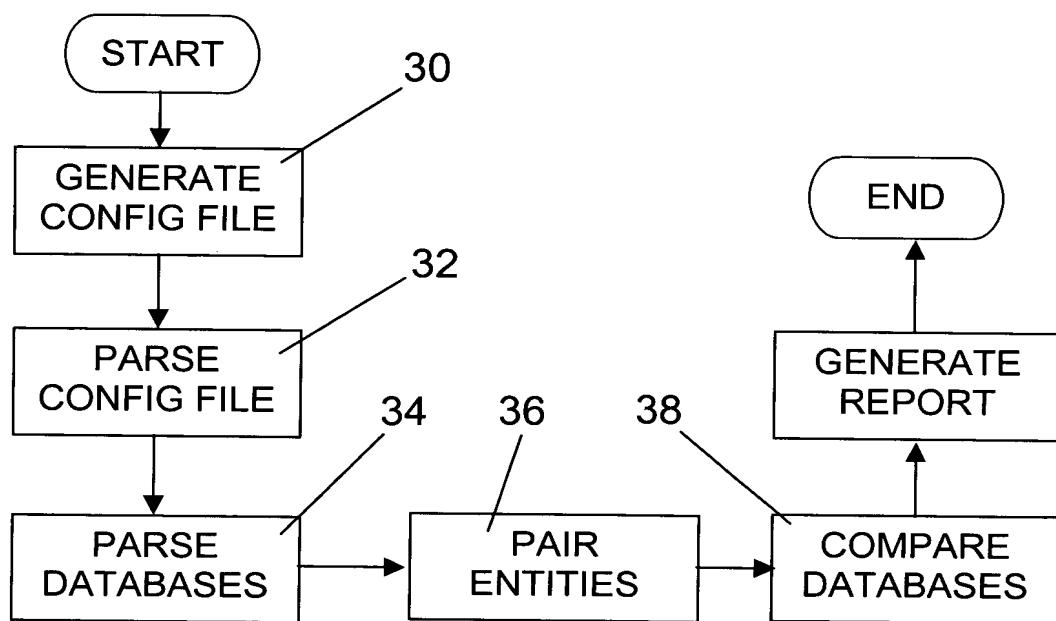
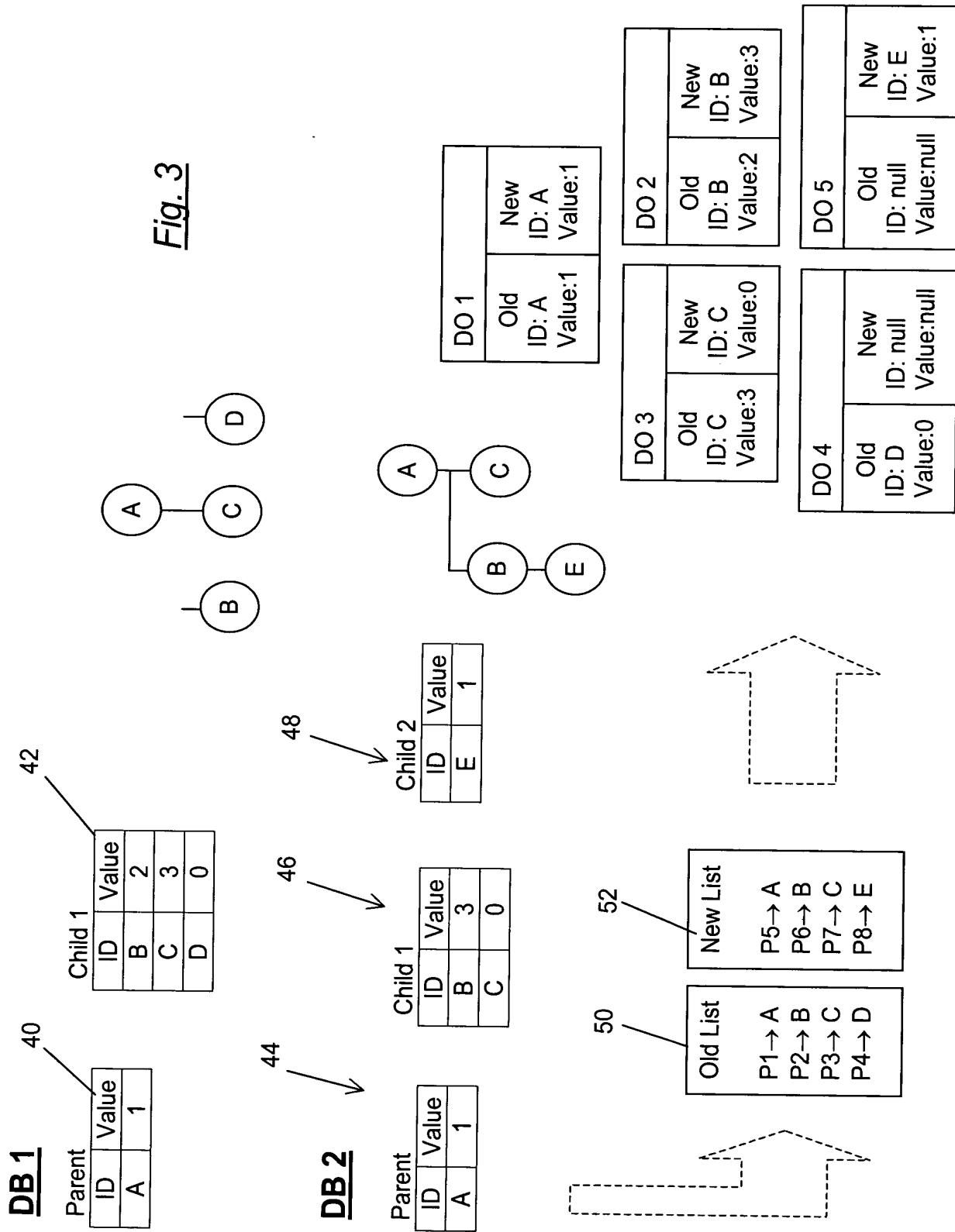


Fig. 1Fig. 2



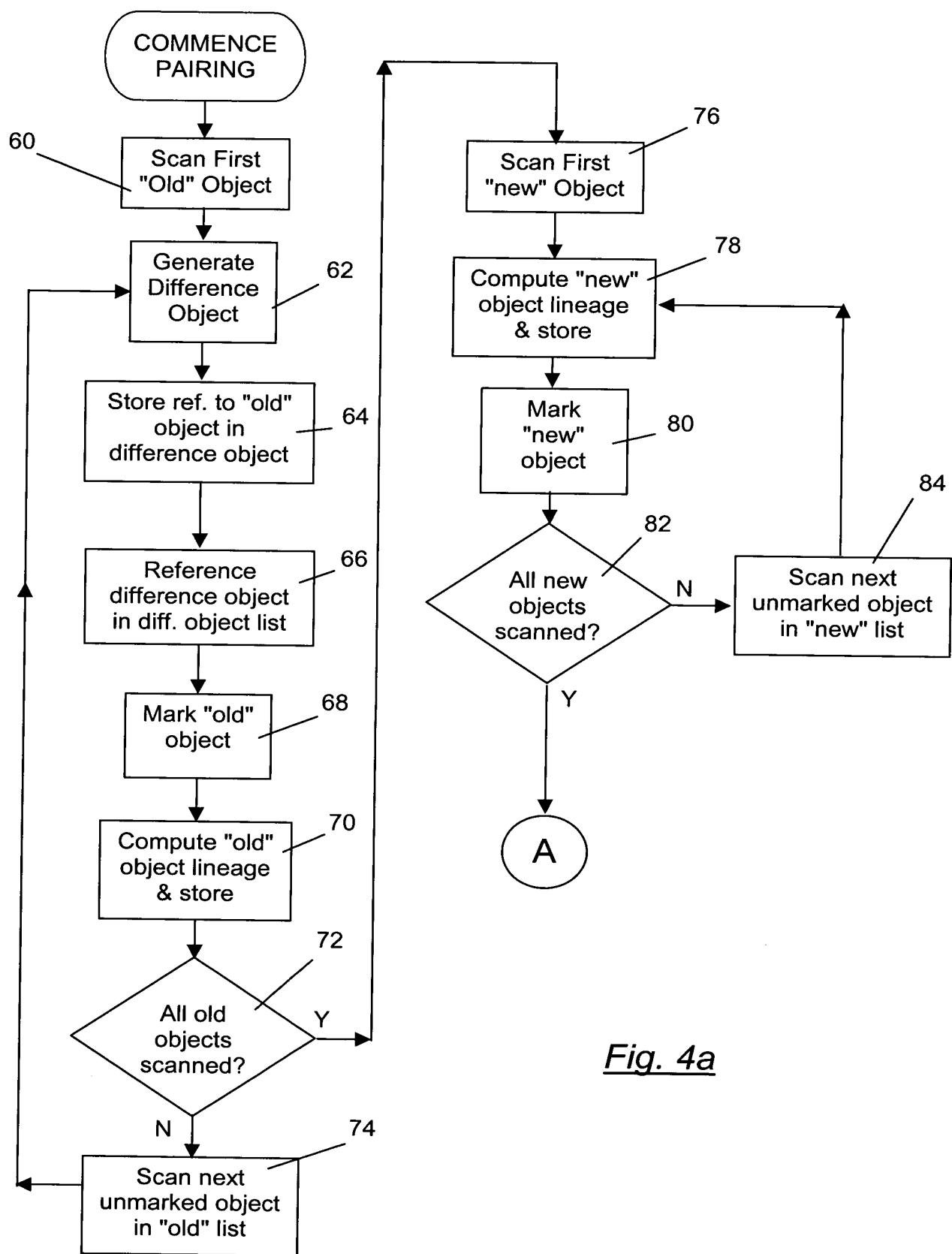
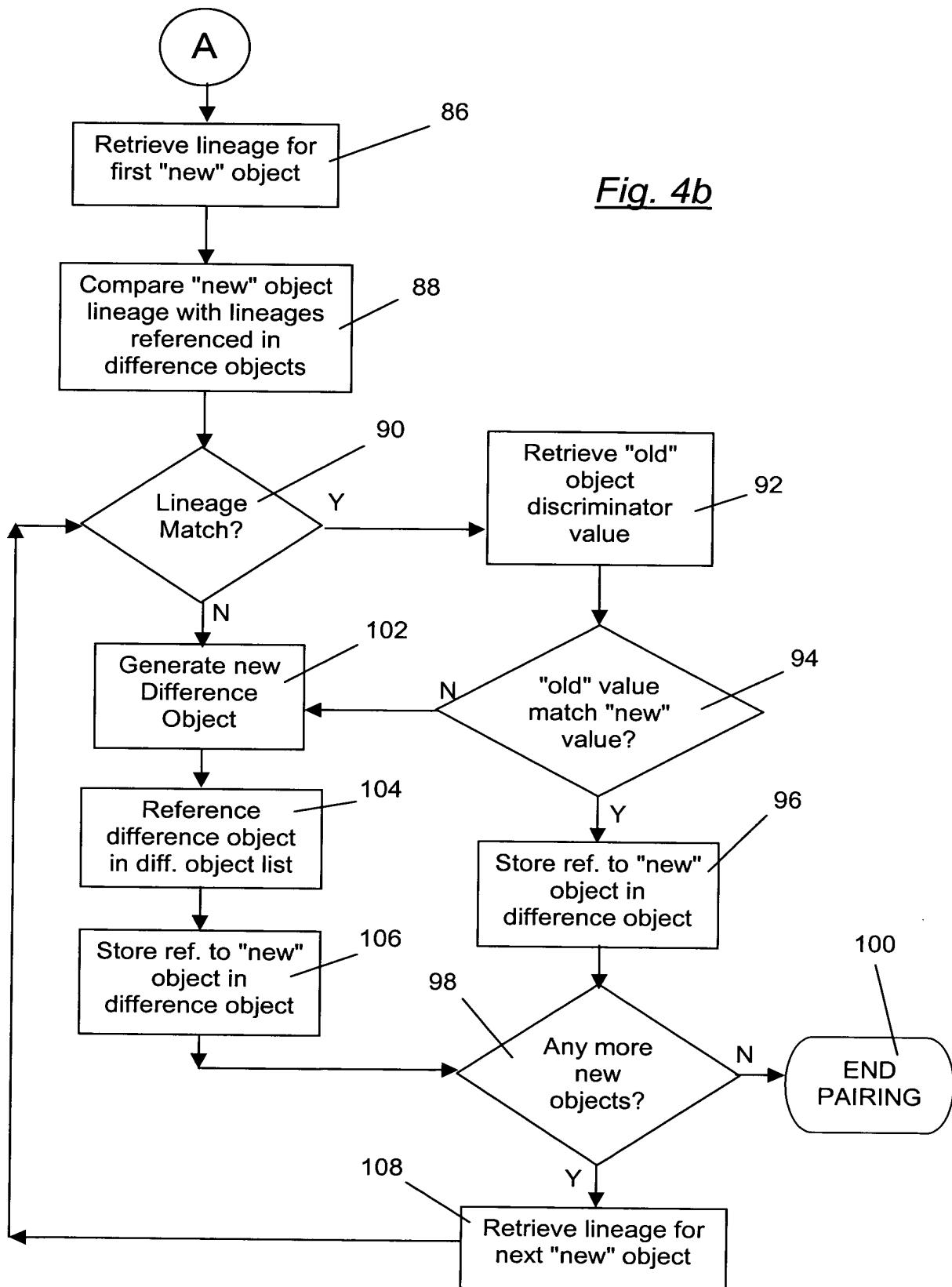


Fig. 4a



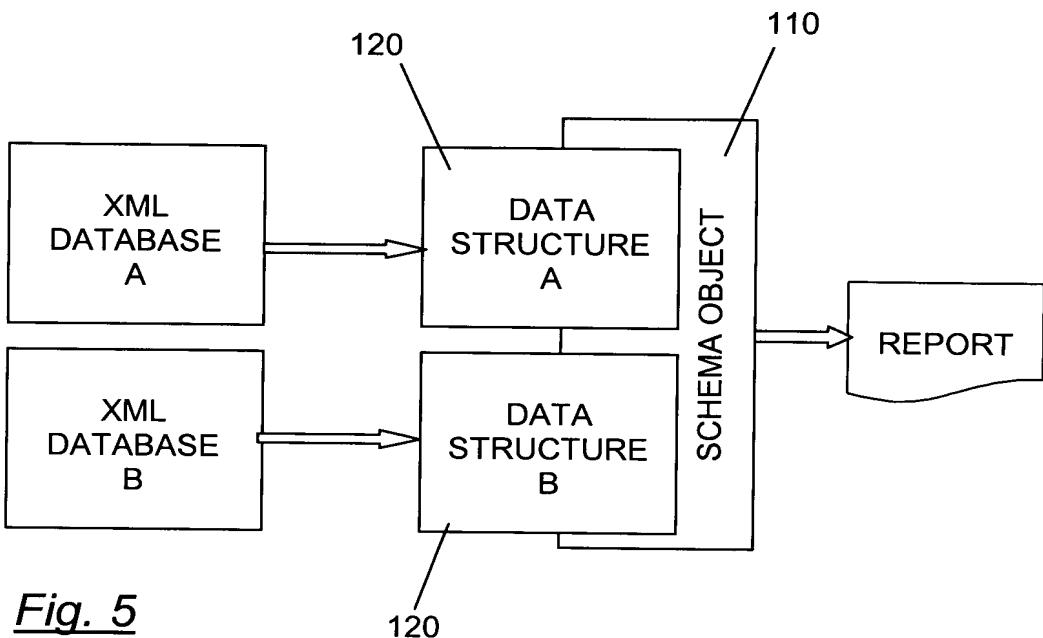


Fig. 5

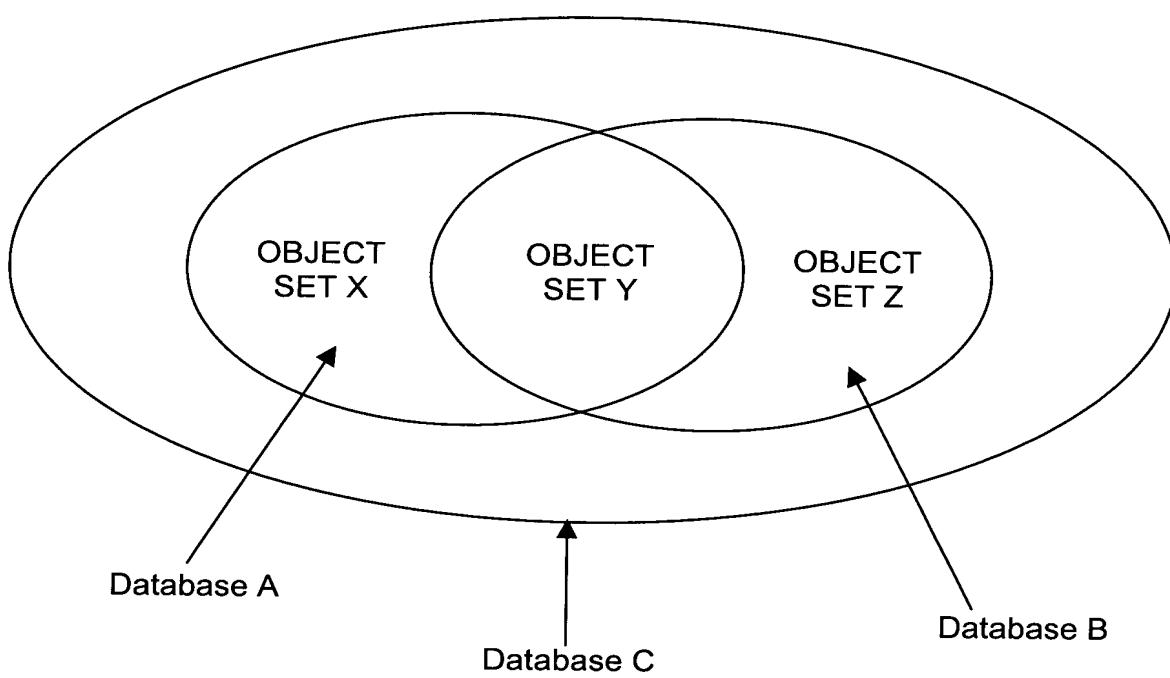


Fig. 6

BEACH SOLUTIONS XML DATABASE DIFFERENCE REPORT

Fig. 7

'Old' Database = C:/users/mark_kh/ccm_wa/beach4/workAreaMark_kh-1/xmlDiff/inputXmlFiles/XML_Diff_Eng_Test_DB_1_0_8_Old.xml
'New' Database = C:/users/mark_kh/ccm_wa/beach4/workAreaMark_kh-1/xmlDiff/inputXmlFiles/XML_Diff_Eng_Test_DB_1_0_8_New.xml

'Old' Database last modified: 2002 Sep 4 11:36:48
'New' Database last modified: 2002 Sep 4 11:36:40

Comparison selected to be by "id"

Difference report options set to include:

Unmodified Elements	Modified Elements	Modified Attributes	Deleted Elements	Inserted Elements

Element report options set to include:

Cells	Registersets	Registers	RegisterBitfields	Ports	Enumerations	Products	LocatedComponents

Description filter option set to:

	Whole description including embedded tags
--	---

Report format options set to:

CSV	HTML
-----	------

Report created: 2003 July 24 09:25:39 UTC
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Element Type	Element Name	Change Type	Attribute Name	Old Attribute Value	New Attribute Value	Ancestral Line
Cell_Unmod		UNMODIFIED		.	.	[cell].[cell]
Cell_Mod		MODIFIED Attribute	ShortName	CM	CMM	[cell].[cell]
Cell_Mod		MODIFIED Attribute	Version	0	1	[cell].[cell]
Cell_Mod		MODIFIED Attribute	DefaultAddressIncrement	1	2	[cell].[cell]
Cell_Mod		MODIFIED Attribute	AddressWidth	10	8	[cell].[cell]
Cell_Mod		MODIFIED Attribute	DataWidth	32	24	[cell].[cell]
Cell_Mod		MODIFIED Attribute	Description	Modified Cell	Cell_Mod's Modified Description	[cell].[cell]
Cell_Mod		MODIFIED Element	.	.	.	[cell].[cell]
Cell_Del		DELETED	.	.	.	[cell].[cell]
Product_Unmod		UNMODIFIED	.	.	.	[product].[product]
Product_Mod		MODIFIED Attribute	ShortName	PM	PMM	[product].[product]
Product_Mod		MODIFIED Attribute	Prefix	mkh	rkh	[product].[product]
Product_Mod		MODIFIED Attribute	Version	0	1	[product].[product]

Product_Mod	MODIFIED Attribute	Description	Modified Product	Product Mod's Modified Description	·|product| ·|product|
Product_Mod	MODIFIED Element	.	.	.	·|product| ·|product|
Product_Del	DELETED	.	.	.	·|product| ·|product|
_default	UNMODIFIED	.	.	.	cell_1::|registerSet| Cell_Unmod::|registerSet|
RegisterSet_Unmod1	UNMODIFIED	.	.	.	cell_1::|registerSet| Cell_Unmod::|registerSet|
_default	UNMODIFIED	.	.	.	cell_2::|registerSet| Cell_Mod::|registerSet|
RegisterSet_Mod1	MODIFIED Attribute	ShortName	SM1	SM1M	cell_2::|registerSet| Cell_Mod::|registerSet|
RegisterSet_Mod1	MODIFIED Attribute	RepeatNumb	1	2	cell_2::|registerSet| Cell_Mod::|registerSet|
RegisterSet_Mod1	MODIFIED Attribute	AddressStep	0y1	0y10	cell_2::|registerSet| Cell_Mod::|registerSet|
RegisterSet_Mod1	MODIFIED Attribute	OffsetAddress	0y1	0y10	cell_2::|registerSet| Cell_Mod::|registerSet|
RegisterSet_Mod1	MODIFIED Attribute	Description	Cell_Mod's RegisterSet	Cell_Mod's Modified RegisterSet	cell_2::|registerSet| Cell_Mod::|registerSet|
RegisterSet_Mod1	MODIFIED Element	.	.	.	cell_2::|registerSet| Cell_Del::|registerSet|
_default	DELETED	.	.	.	cell_3::|registerSet| Cell_Del::|registerSet|
RegisterSet_Del1	DELETED	.	.	.	cell_3::|registerSet| Cell_Del::|registerSet|
Bitfield_Unmod	UNMODIFIED	.	.	.	cell_1::|registerSet| Cell_Unmod::|registerBitfield| Cell_Del::|registerBitfield|

	Bitfield_Untagged	UNMODIFIED	.	.	.	cell_1::registerSet_2::register_2::|registerBitfield| Cell_Untagged::RegisterSet_Untagged::Register_Unmod1::|registerBitfield|
	Bitfield_Mod	MODIFIED Attribute	ShortName	BM	BMM	cell_2::registerSet_3::register_3::|registerBitfield| Cell_Mod::_default::Register_Mod::|registerBitfield|
	Bitfield_Mod	MODIFIED Attribute	Access	readWrite	read	cell_2::registerSet_3::register_3::|registerBitfield| Cell_Mod::_default::Register_Mod::|registerBitfield|
	Bitfield_Mod	MODIFIED Attribute	LowerBound	0y0	0y1000	cell_2::registerSet_3::register_3::|registerBitfield| Cell_Mod::_default::Register_Mod::|registerBitfield|
	Bitfield_Mod	MODIFIED Attribute	UpperBound	0y1111	0y10111	cell_2::registerSet_3::register_3::|registerBitfield| Cell_Mod::_default::Register_Mod::|registerBitfield|
	Bitfield_Mod	MODIFIED Attribute	DestuctiveRead	no	yes	cell_2::registerSet_3::register_3::|registerBitfield| Cell_Mod::_default::Register_Mod::|registerBitfield|
	Bitfield_Mod	MODIFIED Attribute	IndependentRead	no	yes	cell_2::registerSet_3::register_3::|registerBitfield| Cell_Mod::_default::Register_Mod::|registerBitfield|
	Bitfield_Mod	MODIFIED Attribute	IndependentWrite	no	yes	cell_2::registerSet_3::register_3::|registerBitfield| Cell_Mod::_default::Register_Mod::|registerBitfield|
	Bitfield_Mod	MODIFIED Attribute	PowerOnResetValue	0y0	0y1	cell_2::registerSet_3::register_3::|registerBitfield| Cell_Mod::_default::Register_Mod::|registerBitfield|
	Bitfield_Mod	MODIFIED Attribute	Description	Register_Mod's Bitfield	Register_M	cell_2::registerSet_3::register_3::|registerBitfield| Cell_Mod::_default::Register_Mod::|registerBitfield|
	Bitfield_Mod	MODIFIED Element	.	.	.	cell_2::registerSet_3::register_3::|registerBitfield| Cell_Mod::_default::Register_Mod::|registerBitfield|
	Bitfield_Mod1	MODIFIED Attribute	ShortName	BM1	BMM	cell_2::registerSet_4::register_4::|registerBitfield| Cell_Mod::RegisterSet_Mod1::Register_Mod1::|registerBitfield|
	Bitfield_Mod1	MODIFIED Attribute	Access	readWrite	write	cell_2::registerSet_4::register_4::|registerBitfield| Cell_Mod::RegisterSet_Mod1::Register_Mod1::|registerBitfield|
	Bitfield_Mod1	MODIFIED Attribute	LowerBound	0y0	0y1000	cell_2::registerSet_4::register_4::|registerBitfield| Cell_Mod::RegisterSet_Mod1::Register_Mod1::|registerBitfield|
	Bitfield_Mod1	MODIFIED Attribute	UpperBound	0y1111	0y10111	cell_2::registerSet_4::register_4::|registerBitfield| Cell_Mod::RegisterSet_Mod1::Register_Mod1::|registerBitfield|

	Bitfield_Mod1	MODIFIED Attribute	DestructiveRead	no	yes	cell_2::registerSet_4::register_4::|registerBitfield| Cell_Mod::RegisterSet_Mod1::Register_Mod1::|registerBitfield|
	Bitfield_Mod1	MODIFIED Attribute	Independent Read	no	yes	cell_2::registerSet_4::register_4::|registerBitfield| Cell_Mod::RegisterSet_Mod1::Register_Mod1::|registerBitfield|
	Bitfield_Mod1	MODIFIED Attribute	Independent Write	no	yes	cell_2::registerSet_4::register_4::|registerBitfield| Cell_Mod::RegisterSet_Mod1::Register_Mod1::|registerBitfield|
	Bitfield_Mod1	MODIFIED Attribute	PowerOnResetValue	0y0	0y1	cell_2::registerSet_4::register_4::|registerBitfield| Cell_Mod::RegisterSet_Mod1::Register_Mod1::|registerBitfield|
	Bitfield_Mod1	MODIFIED Attribute	Description	Register_Mod1's Bitfield	Register_Mod1's Modified Bitfield	cell_2::registerSet_4::register_4::|registerBitfield| Cell_Mod::RegisterSet_Mod1::Register_Mod1::|registerBitfield|
	Bitfield_Mod1	MODIFIED Element	.	.	.	cell_2::registerSet_4::register_4::|registerBitfield| Cell_Mod::RegisterSet_Mod1::Register_Mod1::|registerBitfield|
	Bitfield_Del	DELETED	.	.	.	cell_3::registerSet_5::register_5::|registerBitfield| Cell_Del::default::Register_Del::|registerBitfield|
	Bitfield_Del	DELETED	.	.	.	cell_3::registerSet_6::register_6::|registerBitfield| Cell_Del::RegisterSet_Del1::Register_Del1::|registerBitfield|
	Register_Unmod	MODIFIED Attribute	Description	Cell_Unmod's <tagName value="old"/> Register	Cell_1::registerSet_1::register Cell_Unmod::_default:: register	cell_1::registerSet_1::register Cell_Unmod::RegisterSet_Unmod1::register
	Register_Unmod	MODIFIED Element	.	.	.	cell_1::registerSet_1::register| Cell_Unmod::_default::|register|
	Register_Unmod1	MODIFIED Attribute	Description	RegisterSet_Unmod1's <tagName value="old"/> Register	RegisterSet_Unmod1's <tagName value="new"/> Register	cell_1::registerSet_2:: register Cell_Unmod::RegisterSet_Unmod1::register
	Register_Unmod1	MODIFIED Element	.	.	.	cell_2::registerSet_3::|register| Cell_Mod::RegisterSet_Unmod1::register|
	Register_Mod	MODIFIED Attribute	ShortName	RM	RMM	cell_2::registerSet_3::|register| Cell_Mod::_default::|register|

	Register_Mod	MODIFIED Attribute	Access	readWrite	read	cell_2::registerSet_3::|register| Cell_Mod::_default::|register|
	Register_Mod	MODIFIED Attribute	Width	32	24	cell_2::registerSet_3::|register| Cell_Mod::_default::|register|
	Register_Mod	MODIFIED Attribute	LowerBound	0y0	0y1	cell_2::registerSet_3::|register| Cell_Mod::_default::|register|
	Register_Mod	MODIFIED Attribute	UpperBound	0y0	0y1	cell_2::registerSet_3::|register| Cell_Mod::_default::|register|
	Register_Mod	MODIFIED Attribute	Description	Cell_Mod's Register	Cell_Mod's Modified Register	cell_2::registerSet_3::|register| Cell_Mod::_default::|register|
	Register_Mod	MODIFIED Element	.	.	.	cell_2::registerSet_3::|register| Cell_Mod::_default::|register|
	Register_Mod1	MODIFIED Attribute	ShortName	RM1	RM1M	cell_2::registerSet_4::|register| Cell_Mod::RegisterSet_Mod1::|register|
	Register_Mod1	MODIFIED Attribute	Access	readWrite	write	cell_2::registerSet_4::|register| Cell_Mod::RegisterSet_Mod1::|register|
	Register_Mod1	MODIFIED Attribute	Width	32	24	cell_2::registerSet_4::|register| Cell_Mod::RegisterSet_Mod1::|register|
	Register_Mod1	MODIFIED Attribute	LowerBound	0y0	0y1	cell_2::registerSet_4::|register| Cell_Mod::RegisterSet_Mod1::|register|
	Register_Mod1	MODIFIED Attribute	UpperBound	0y0	0y1	cell_2::registerSet_4::|register| Cell_Mod::RegisterSet_Mod1::|register|
	Register_Mod1	MODIFIED Attribute	Description	RegisterSet_Mod1's Register	RegisterSet Mod1's Modified Register	cell_2::registerSet_4::|register| Cell_Mod::RegisterSet_Mod1::|register|
	Register_Mod1	MODIFIED Element	.	.	.	cell_2::registerSet_4::|register| Cell_Mod::RegisterSet_Mod1::|register|
	Register_Del	DELETED	.	.	.	cell_3::registerSet_5::|register| Cell_Del::_default::|register|
	Register_Del1	DELETED	.	.	.	cell_3::registerSet_6::|register| Cell_Del::RegisterSet_Del1::|register|

	Enum_Unmod	UNMODIFIED	.	.	.	.	cell_1::registerSet_1::register_1::registerBitfield_1::|enumeration| |Cell_Unmod::_default::Register_Unmod::Bitfield_Unmod::|enumeration|
	Enum_Unmod1	UNMODIFIED	.	.	.	.	cell_1::registerSet_2::register_2::registerBitfield_2::|enumeration| |Cell_Unmod::RegisterSet_Unmod1::Register_Unmod1::Bitfield_Unmod1::|enumeration|
	Enum_Mod	MODIFIED Attribute	Access	readWrite	read	read	cell_2::registerSet_3::register_3::registerBitfield_3::|enumeration| |Cell_Mod::_default::Register_Mod::Bitfield_Mod::|enumeration|
	Enum_Mod	MODIFIED Attribute	LowerBound	0y0	0y1	0y1	cell_2::registerSet_3::register_3::registerBitfield_3::|enumeration| |Cell_Mod::_default::Register_Mod::Bitfield_Mod::|enumeration|
	Enum_Mod	MODIFIED Attribute	UpperBound	0y0	0y1	0y1	cell_2::registerSet_3::register_3::registerBitfield_3::|enumeration| |Cell_Mod::_default::Register_Mod::Bitfield_Mod::|enumeration|
	Enum_Mod	MODIFIED Attribute	Description	Bitfield_Mod's Enum	Bitfield_Mod's Modified Enum	Bitfield_Mod's Modified Enum	cell_2::registerSet_3::register_3::registerBitfield_3::|enumeration| |Cell_Mod::_default::Register_Mod::Bitfield_Mod::|enumeration|
	Enum_Mod	MODIFIED Element	.	.	.	.	cell_2::registerSet_3::register_3::registerBitfield_3::|enumeration| |Cell_Mod::_default::Register_Mod::Bitfield_Mod::|enumeration|
	Enum_Mod1	MODIFIED Attribute	Access	readWrite	write	write	cell_2::registerSet_4::register_4::registerBitfield_4::|enumeration| |Cell_Mod::RegisterSet_Mod1::Register_Mod1::Bitfield_Mod1::|enumeration|
	Enum_Mod1	MODIFIED Attribute	LowerBound	0y0	0y1	0y1	cell_2::registerSet_4::register_4::registerBitfield_4::|enumeration| |Cell_Mod::RegisterSet_Mod1::Register_Mod1::Bitfield_Mod1::|enumeration|
	Enum_Mod1	MODIFIED Attribute	UpperBound	0y0	0y1	0y1	cell_2::registerSet_4::register_4::registerBitfield_4::|enumeration| |Cell_Mod::RegisterSet_Mod1::Register_Mod1::Bitfield_Mod1::|enumeration|

Enum_Mod1	MODIFIED Attribute	Description	Bitfield_Mod1's Enum	Bitfield_Mo d1's Modified Enum	cell_2::registerSet_4::register_4::registerBitfield_4::enumeratio n| Cell_Mod::RegisterSet_Mod1::Register_Mod1::|
Enum_Mod1	MODIFIED Element	.	.	.	cell_2::registerSet_4::register_4::registerBitfield_4::enumeratio n| Cell_Mod::RegisterSet_Mod1::Register_Mod1::|
Enum_Del	DELETED	.	.	.	cell_3::registerSet_5::register_5::registerBitfield_5::enumeratio n| Cell_Del::_default::Register_Del::|
Enum_Del1	DELETED	.	.	.	cell_3::registerSet_6::register_6::registerBitfield_6::enumeratio n| Cell_Del::RegisterSet_Del1::Register_Del1::|
Prod_Unmod_Cell_Unmod	UNMODIFIED	.	.	Product_1::|locatedComponent| Product_Unmod::|locatedComponent|	
Prod_Unmod_Cell_Mod	UNMODIFIED	.	.	Product_1::|locatedComponent| Product_Unmod::|locatedComponent|	
Prod_Mod_Cell_Un_mod	UNMODIFIED	.	.	Product_2::|locatedComponent| Product_Mod::|locatedComponent|	
Prod_Mod_Cell_De_l	DELETED	.	.	Product_2::|locatedComponent| Product_Mod::|locatedComponent|	
Produc_Del_Cell_D_el	DELETED	.	.	Product_3::|locatedComponent| Product_Del::|locatedComponent|	
Produc_Del_Cell_Mod	DELETED	.	.	Product_3::|locatedComponent| Product_Del::|locatedComponent|	
Cell_Ins	INSERTED	.	.	|cell| .|cell|	
Product_Ins	INSERTED	.	.	|product| .|product|	
_default	INSERTED	.	.	cell_5::|registerSet| Cell_Ins::|registerSet|	

	RegisterSet_Ins1	INSERTED	.	cell_5::|registerSet| Cell_Ins::|registerSet|
	Bitfield_Ins	INSERTED	.	cell_5::registerSet_9::register_9::|registerBitfield| Cell_Ins::|default::Register_Ins::|registerBitfield|
	Bitfield_Ins1	INSERTED	.	cell_5::registerSet_10::register_10::|registerBitfield| Cell_Ins::|RegisterSet_Ins1::Register_Ins1::|registerBitfield|
	Register_Ins	INSERTED	.	cell_5::registerSet_9::|register| Cell_Ins::|default::|register|
	Register_Ins1	INSERTED	.	cell_5::registerSet_10::|register| Cell_Ins::|RegisterSet_Ins1::|register|
	Enum_Ins	INSERTED	.	cell_5::registerSet_9::register_9::|registerBitfield_9::|enumeratio n| Cell_Ins::|default::Register_Ins::|Bitfield_Ins::|enumeration|
	Enum_Ins1	INSERTED	.	cell_5::registerSet_10::register_10::|registerBitfield_10::|enumera tion| Cell_Ins::|RegisterSet_Ins1::Register_Ins1::|Bitfield_Ins1::|enum eration|
	Product_Ins_Cell_Ins	INSERTED	.	product_4::|locatedComponent| Product_Ins::|locatedComponent|
	Product_Ins_Cell_Mod	INSERTED	.	product_4::|locatedComponent| Product_Ins::|locatedComponent|
	Prod_Mod_Cell_Ins	INSERTED	.	product_2::|locatedComponent| Product_Mod::|locatedComponent|